

MARKED UP COPY OF AMENDMENT PURSUANT TO 37 CFS § 1.121 (b)(1)(iii)

Page 1, line 11 to page 1, line 15.

This application relates to co-pending United States Patent Application Serial No. [09/333,786] 09/315,657, filed on May 20, 1999, entitled "Method and Apparatus for Windows-Based Installation for Installing Software on Build-to-Order Computer Systems", naming Bobby G. Doran, Jr., Bill Hyden, and Terry Wayne Liles as inventors.

Page 4, line 18 to page 4, line 29.

A manufacturer or vendor of computer system 100 may include any number of devices in computer system 100 prior to providing computer system 100 to a customer. The manufacturer may assemble computer system 100 according to a build-to-order manufacturing process where the manufacturer assembles hardware and software components of computer system 100 according to the specifications of a customer. Based on the [numbers] number of different devices that may be connected to different connections in computer system 100, computer system 100 may be offered in a large number of hardware configurations by a manufacturer or vendor of computer system 100. In addition, a large number of software configurations may be offered for each of the hardware configurations as a customer may specify one of a set of operating systems and one or more of a set of applications to be included in computer system 100.

Page 5, line 1 to page 5, line 15.

In order to test various hardware and software configurations of computer system 100, one or more connections of computer system 100 is coupled to a switching device, such as switching device 130a coupled to bus slot 110a as indicated by

reference numeral 128a[.]and switching device 130b coupled to IR port 122 as indicated by reference numeral 128b. Each switching device is coupled to a plurality of devices that may be coupled to the connection of computer system 100. For example, switching device 130a is coupled to devices 140a, 140b, and 140c, and switching device 130b is coupled to devices 140d, 140e, and 140f. Switching device 130a is configured to selectively cause one of devices 140a, 140b, or 140c to be coupled to computer system 100 at a time in response to a signal 192a from control module 190. Similarly, switching device 130b is configured to selectively cause one of devices 140d, 140e, or 140f to be coupled to computer system 100 at a time in response to a signal 192c from control module 190. The functions and operation of control module 190 will be described in additional detail below.

Page 9, line 6 to page 9, line 23.

Subsequent to computer system 100 booting, detecting devices in a hardware configuration, or performing tests on devices in a hardware configuration, control module 190 causes another test configuration to be set up. This next test configuration includes a different set of devices from the previous test configuration, although one or more devices may be the same in both configurations. After causing the next test configuration to be selected, control module 190 causes computer system 100 to be powered down or reset using a signal 192b. [Where] When computer system 100 powers down, computer system 100 may automatically power up after a predefined time period or may receive a wake-up signal in response to the completion of a configuration change. In response to being powered up or being reset, computer system 100 reboots using a BIOS or system firmware. Computer system 100 then repeats the detection functions and / or tests as described above for this hardware configuration. After computer system 100 completes any tests on this hardware configuration, control module 190 may cause additional hardware configurations to be selected and tested. Control module 190 may select hardware configurations from a

list of hardware configurations to be tested. The list may be altered or changed by a manufacturer of computer system 100 to include or not include particular hardware configurations.

Page 10, line 12 to page 10, line 25.

Control module 190 may include any combination of hardware or software components. For example, control module 190 may be a set of manual switches that are set by a technician and may include buttons or other devices configured to cause computer system 100 to be powered up and down and / or reset. Control module 190 may also be a program that is executable by computer system 100 from a memory in computer system 100. In addition, control module 190 may be a program that is executable by computer system 100 from a memory located on remote system 194. Further, control module 190 may be a program that is executable by remote system 194. Remote system 194 may control the operation of computer system 100, the switching devices, and the splitter devices using a communications network such as the Internet, an intranet, a local area network, a wide area network, a wireless network, or a point-to-point connection. Still further, control module 190 may include a combination of hardware and software components.

IN THE CLAIMS:

Please amend the claims as follows:

A marked up copy of each amended claim pursuant to 37 CFR § 1.121(c)(1)(ii) appears on the page immediately following the amended claim.

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24. (Amended) The computer program product of claim 17, wherein the computer program is for causing the computer system to:
- subsequent to detecting the first one of the first plurality of devices and the first one of the second plurality of devices, perform one or more tests on the computer system using the first one of the first plurality of devices and the first one of the second plurality of devices; and
 - store results associated with the one or more tests into a log file.
25. (Amended) A system comprising:
- a computer system that includes a first connection and a second connection;
 - a first switching device coupled to the first connection;
 - a first plurality of devices coupled to the first switching device;
 - a second switching device coupled to the second connection;
 - a second plurality of devices coupled to the second switching device;
 - the first switching device able to be set to cause a first one of the first plurality of devices to be coupled to the computer system;
 - the second switching device able to be set to cause a first one of the second plurality of devices to be coupled to the computer system; and
 - the computer system configured to detect the first one of the first plurality of devices and the first one of the second plurality of devices in response to a) the first switching device being set to cause the first one of the first plurality of

Ab devices to be coupled to the computer system and b) the second switching device being set to cause the first one of the second plurality of devices to be coupled to the computer system, and in response to being booted.

As 31. (Amended) The system of claim 26, wherein the control module is configured to cause the computer system to boot subsequent to a) causing the first switching device to be set and b) causing the second switching device to be set.

32. (Amended) The system of claim 26, wherein the control module is configured to a) cause the first switching device to be set to cause a second one of the first plurality of devices to be coupled to the computer system, and wherein the control module is configured to b) cause the second switching device to be set to cause a second one of the second plurality of devices to be coupled to the computer system.

MARKED UP COPY OF AMENDED CLAIMS 24, 25, 31 AND 32 PURSUANT TO 37

CFR § 1.121 (c)(1)(ii)

24. (Amended) The computer program product of claim 17, wherein the computer program is for causing the computer system to:
- subsequent to detecting the first one of the first plurality of devices and the first one of the second plurality of devices, perform one or more tests on the computer system using the first one of the first plurality of devices and the first one of the second plurality of devices; and
 - [storing] store results associated with the one or more tests into a log file.
25. (Amended) A system comprising:
- a computer system that includes a first connection and a second connection;
 - a first switching device coupled to the first connection;
 - a first plurality of devices coupled to the first switching device;
 - a second switching device coupled to the second connection;
 - a second plurality of devices coupled to the second switching device;
 - the first switching device able to be set to cause a first one of the first plurality of devices to be coupled to the computer system;
 - the second switching device able to be set to cause a first one of the second plurality of devices to be coupled to the computer system; and
 - the computer system configured to detect the first one of the first plurality of devices and the first one of the second plurality of devices in response to a) the first switching device being set to cause the first one of the first plurality of devices to be coupled to the computer system and b) the second switching device being set to cause the first one of the second plurality of devices to be coupled to the computer system, and in response to being booted.

31. (Amended) The system of claim 26, wherein the control module is configured to cause the computer system to boot subsequent to a) causing the first switching device to be set and b) causing the second switching device to be set.
32. (Amended) The system of claim 26, wherein the control module is configured to a) cause the first switching device to be set to cause a second one of the first plurality of devices to be coupled to the computer system, and wherein the control module is configured to b) cause the second switching device to be set to cause a second one of the second plurality of devices to be coupled to the computer system.

PATENT
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Customer No. 000027683

REMARKS

Minor changes have been made to the specification. Claims 24, 25, 31 and 32 are amended and claims 1 – 35 remain in the application.

Entry of this amendment to the specification and claims prior to Examination is courteously solicited.

No new matter is added by the amendments herein.

Respectfully submitted,



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